

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Process and System for Recovering Valent Metals from Refuse

Secondary Batteries

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No. _____

on _____

and was amended

on _____ (if applicable):

☒ was filed as PCT international application

Number PCT/JP99/05830

on October 22, 1999

and was amended under PCT Article 19

on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Japan	10-305301	October 27, 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	10-313337	November 4, 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	10-352582	December 11, 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	10-352675	December 11, 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PCT	PCT/JP99/05830	October 22, 1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications)					ATTORNEY'S DOCKET NUMBER
<p>I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:</p>					
<p>PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:</p>					
U.S. APPLICATIONS				STATUS (Check one)	
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
<p>POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) Bierman, Muserlian and Lucas, Reg. No. 18,818; Jordan B. Bierman, Reg. No. 18,629; Charles A. Muserlian, Reg. No. 19,683; and Donald C. Lucas, Reg. No. 31,275; all of 600 Third Avenue, New York, New York 10016.</p>					
<p>Send Correspondence to:</p> <p style="margin-left: 40px;">Bierman, Muserlian and Lucas 600 Third Avenue New York, New York 10016</p>				<p>Direct Telephone Calls to: (name and telephone number)</p>	
201	FULL NAME OF INVENTOR	FAMILY NAME TATEIWA	FIRST GIVEN NAME Hironori	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ageo-shi	STATE OR FOREIGN COUNTRY Saitama, Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	e/o MITSUI MINING & SMELTING CO., LTD. Metals & Metallurgy Sector Metallurgical Technology Center, 1333-2, Haraichi, Ageo-shi		STATE & ZIP CODE/COUNTRY Saitama 362-0021 Japan	
202	FULL NAME OF INVENTOR	FAMILY NAME KAHATA	FIRST GIVEN NAME Minoru	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ageo-shi	STATE OR FOREIGN COUNTRY Saitama, Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	e/o MITSUI MINING & SMELTING CO., LTD. Metals & Metallurgy Sector Metallurgical Technology Center, 1333-2, Haraichi, Ageo-shi		STATE & ZIP CODE/COUNTRY Saitama 362-0021 Japan	
203	FULL NAME OF INVENTOR	FAMILY NAME MIYAGAWA	FIRST GIVEN NAME Hiroshi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ageo-shi	STATE OR FOREIGN COUNTRY Saitama, Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	e/o MITSUI MINING & SMELTING CO., LTD. Corporate R&D Center, 1333-2, Haraichi, Ageo-shi		STATE & ZIP CODE/COUNTRY Saitama 362-0021 Japan	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>					
SIGNATURE OF INVENTOR 201 <i>Hironori Tateiwa</i> Hironori TATEIWA		SIGNATURE OF INVENTOR 202 <i>Minoru Kahata</i> Minoru KAHATA		SIGNATURE OF INVENTOR 203 <i>Hiroshi Miyagawa</i> Hiroshi MIYAGAWA	
DATE June 5, 2000		DATE June 5, 2000		DATE June 5, 2000	

Combined Declaration For Patent Application and Power of Attorney (Continued) <small>(Includes Reference to PCT International Applications)</small>				ATTORNEY'S DOCKET NUMBER	
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U.S. APPLICATIONS				STATUS (Check one)	
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
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Send Correspondence to: Bierman, Muserlian and Lucas 600 Third Avenue New York, New York 10016				Direct Telephone Calls to: <small>(name and telephone number)</small>	
201	FULL NAME OF INVENTOR	FAMILY NAME SHIRAI	FIRST GIVEN NAME Ryoichi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ageo-shi	STATE OR FOREIGN COUNTRY Saitama, Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	C/O MITSUBISHI MINING & SMELTING CO., LTD. Corporate R&D Center, 1333-2, Haraichi, Ageo-shi		STATE & ZIP CODE/COUNTRY Saitama 362-0021 Japan	
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
202	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	CITY		STATE & ZIP CODE/COUNTRY	
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
203	POST OFFICE ADDRESS	CITY		STATE & ZIP CODE/COUNTRY	
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	CITY		STATE & ZIP CODE/COUNTRY	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>					
SIGNATURE OF INVENTOR 201 <i>Ryoichi Shirai</i> Ryoichi SHIRAI		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203	
DATE June 5, 2000		DATE		DATE	